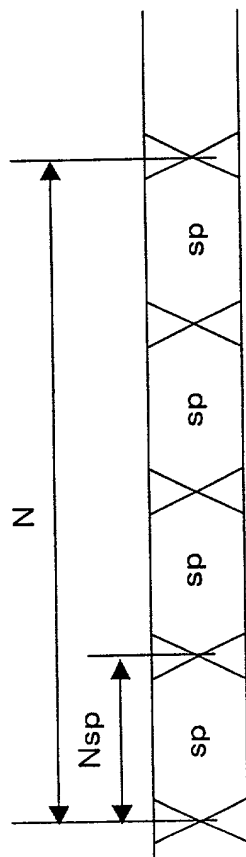


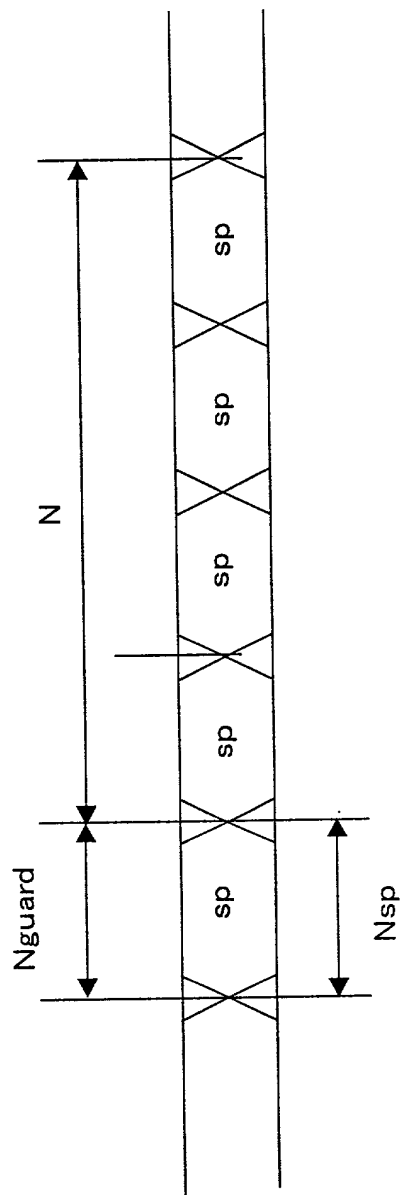
FIG. 1 (PRIOR ART)

FIG. 2A  
(PRIOR ART)



GUARD INTERVAL INSERTION

FIG. 2B  
(PRIOR ART)



CORRELATION WINDOW =  $N + N_{guard} - N_{sp}$

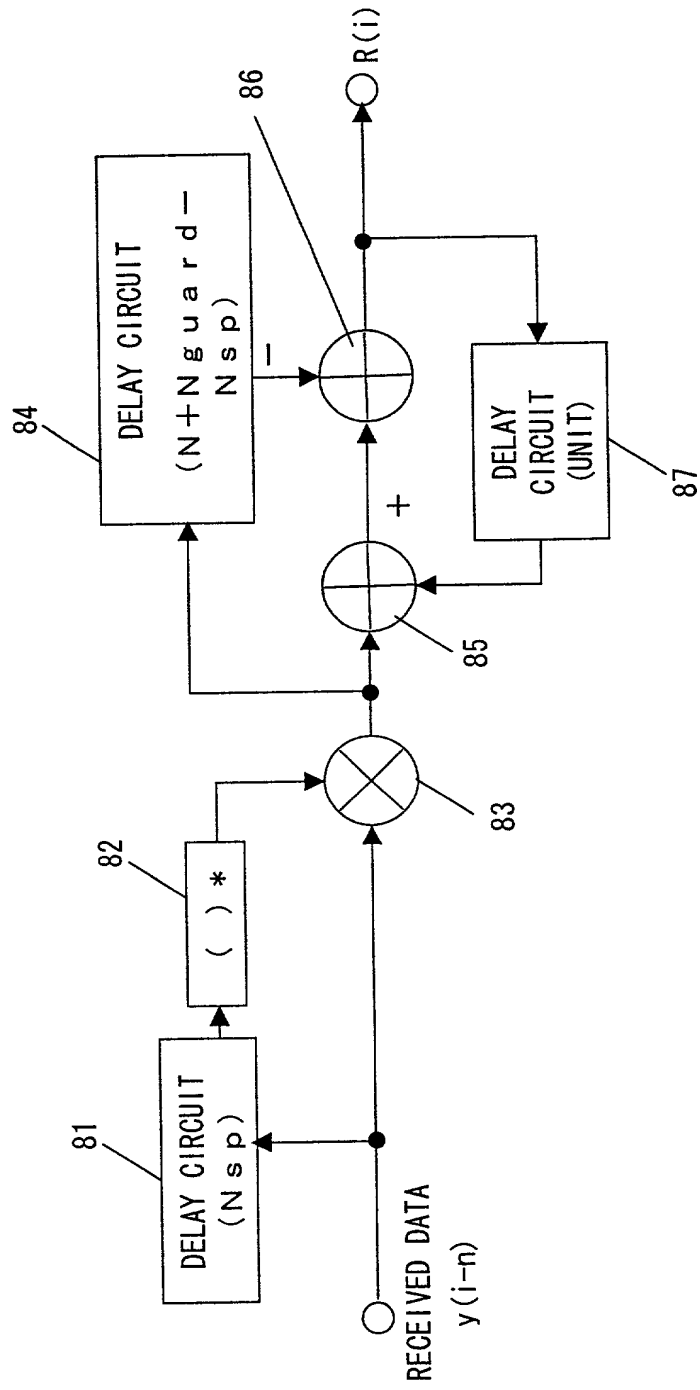


FIG. 3 (PRIOR ART)

IEEE802.11a : B16x10+C32+C64x2

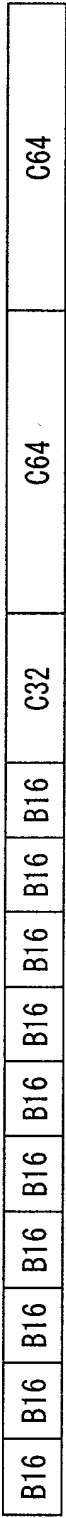


FIG. 4 (PRIOR ART)

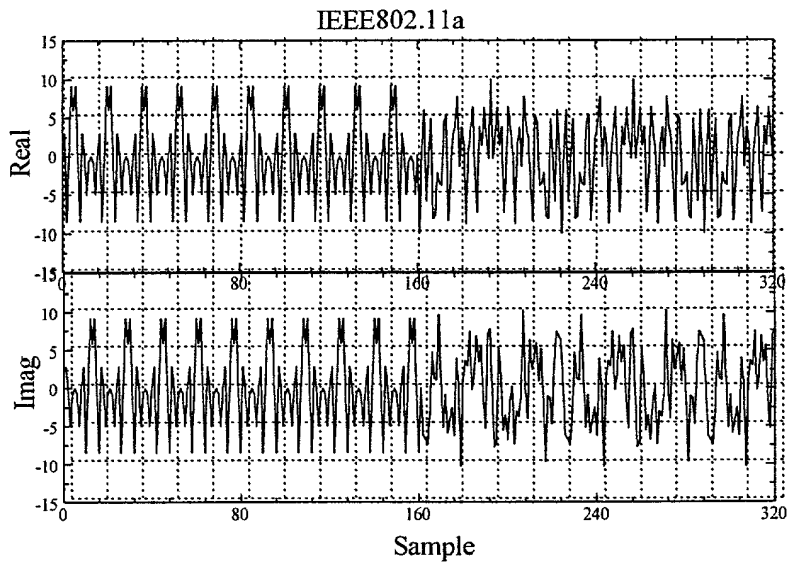


FIG. 5 (PRIOR ART)

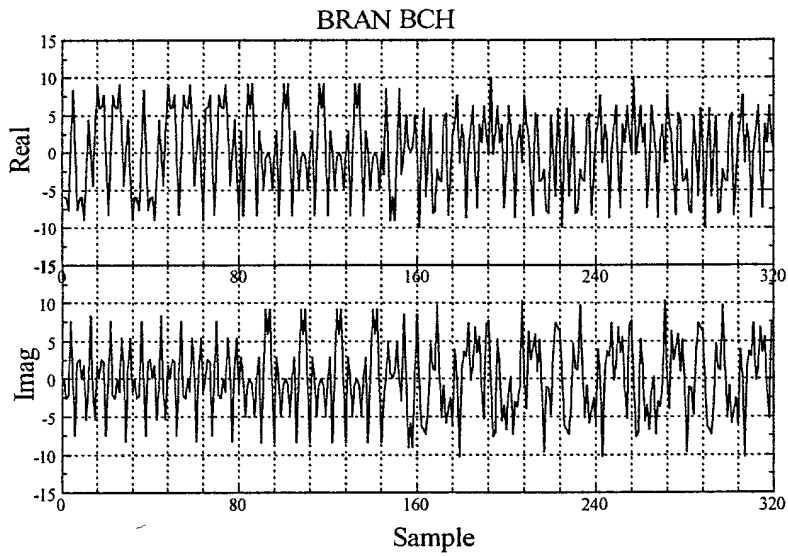


FIG. 7 (PRIOR ART)

BRAN BCH : A16x5+B16x5+C32+C64x2

A16	IA16	A16	IA16	IA16	B16	B16	B16	B16	B16	B16	IB16	C32	C64	C64
-----	------	-----	------	------	-----	-----	-----	-----	-----	-----	------	-----	-----	-----

FIG. 6 (PRIOR ART)

BRAN UL : B16x10+C32+C64x2

B16	B16	B16	B16	B16	B16	B16	B16	B16	B16	B16	B16	B16	IB16	C32	C64	C64
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	-----	-----	-----

FIG. 8 (PRIOR ART)

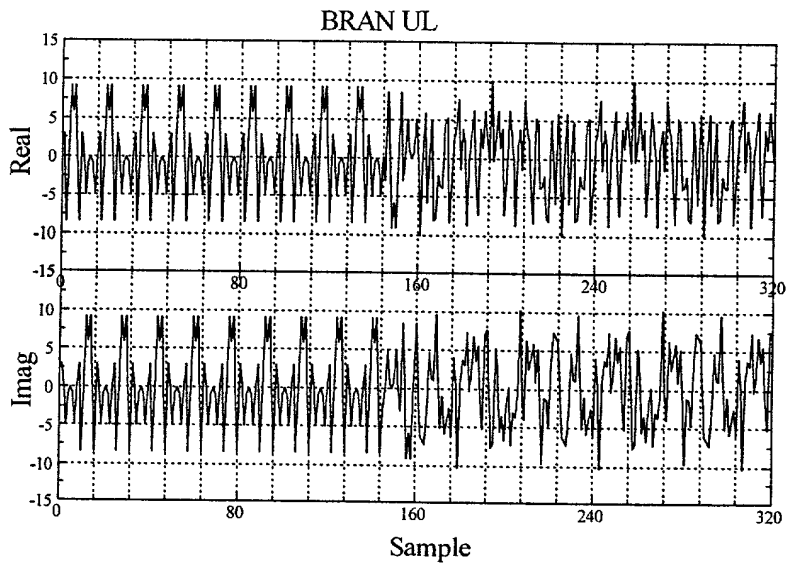


FIG. 9 (PRIOR ART)

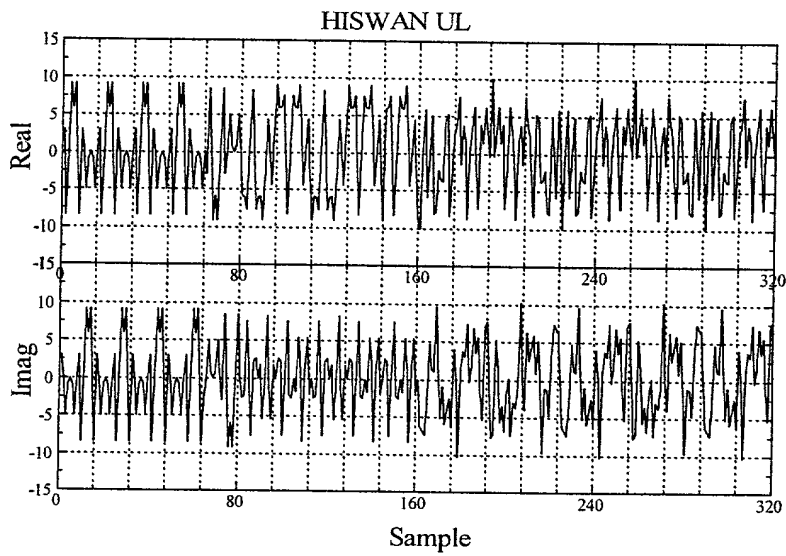


FIG. 11 (PRIOR ART)



HISWAN UL : B16x5+A16x5+C32+C64x2

B16	B16	B16	B16	B16	IB16	A16	A16	A16	A16	A16	IA16	IA16	C32	C64	C64
-----	-----	-----	-----	-----	------	-----	-----	-----	-----	-----	------	------	-----	-----	-----

FIG. 10 (PRIOR ART)

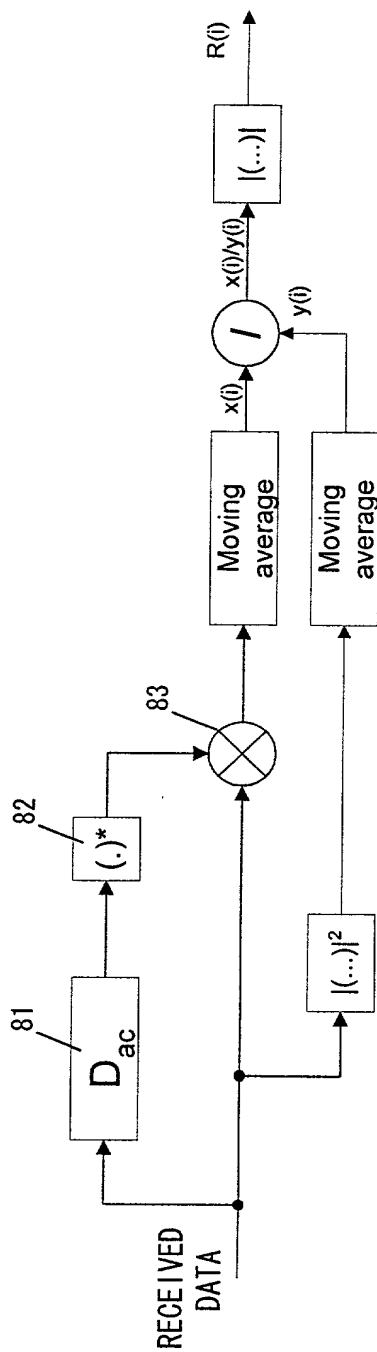


FIG. 12 (PRIOR ART)

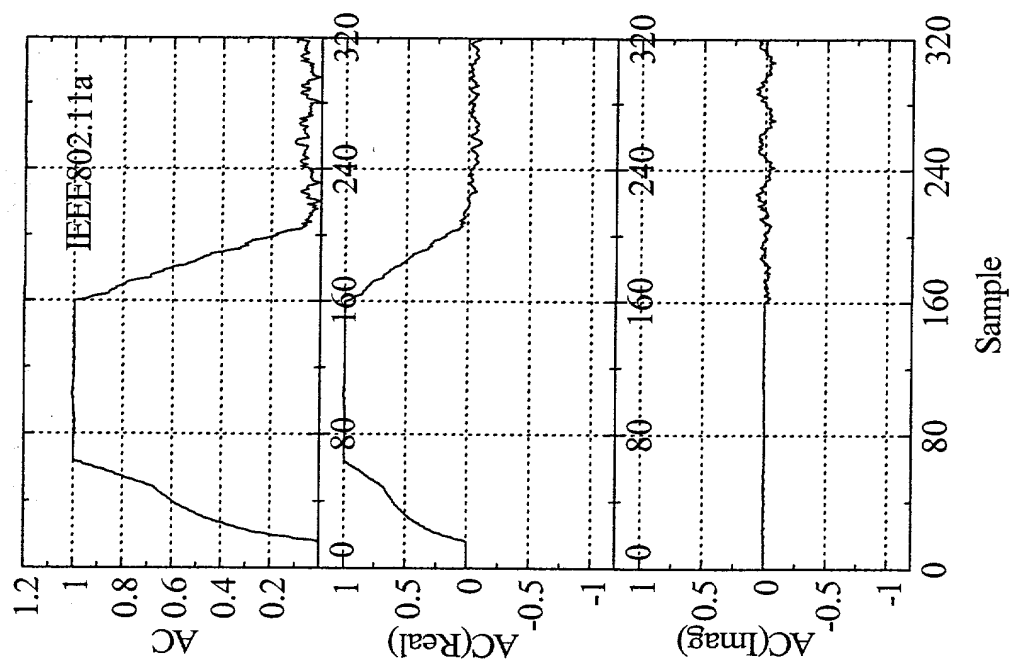


FIG. 13A (PRIOR ART)

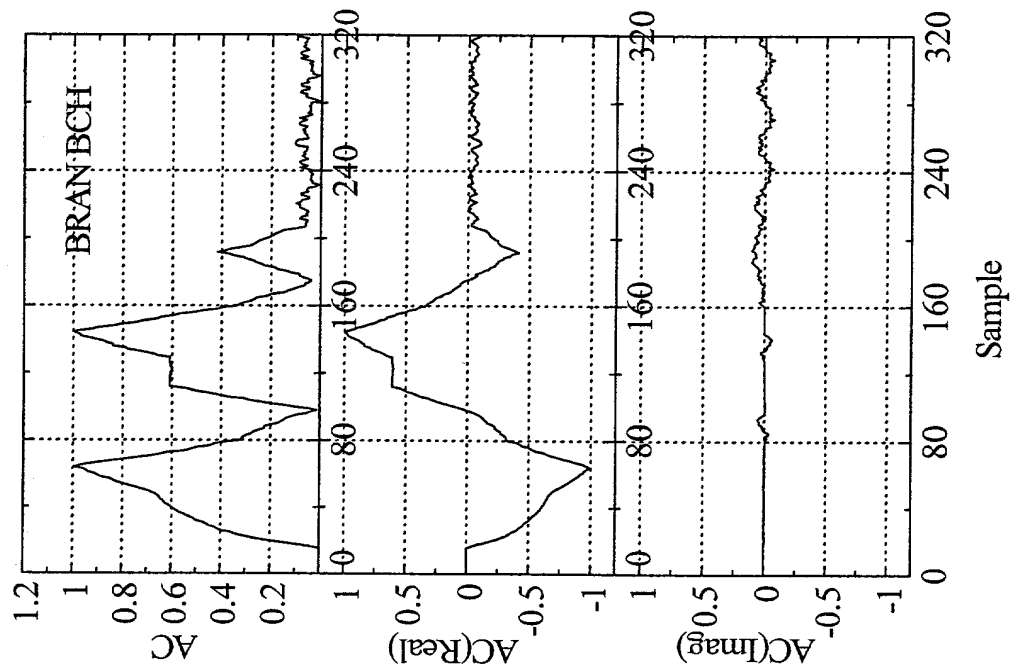


FIG. 13B (PRIOR ART)

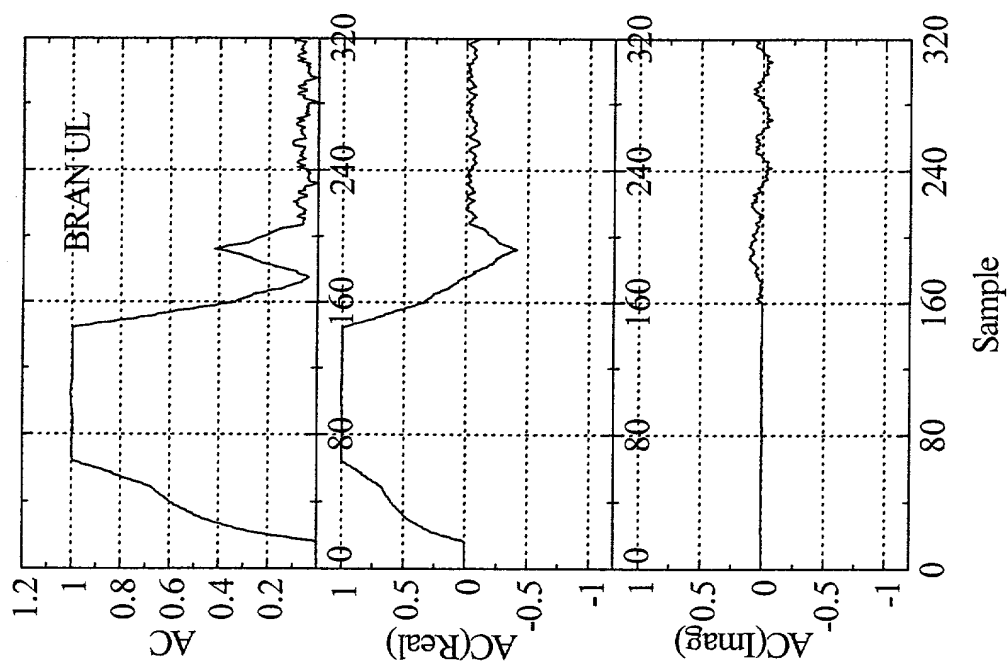


FIG. 14A (PRIOR ART)

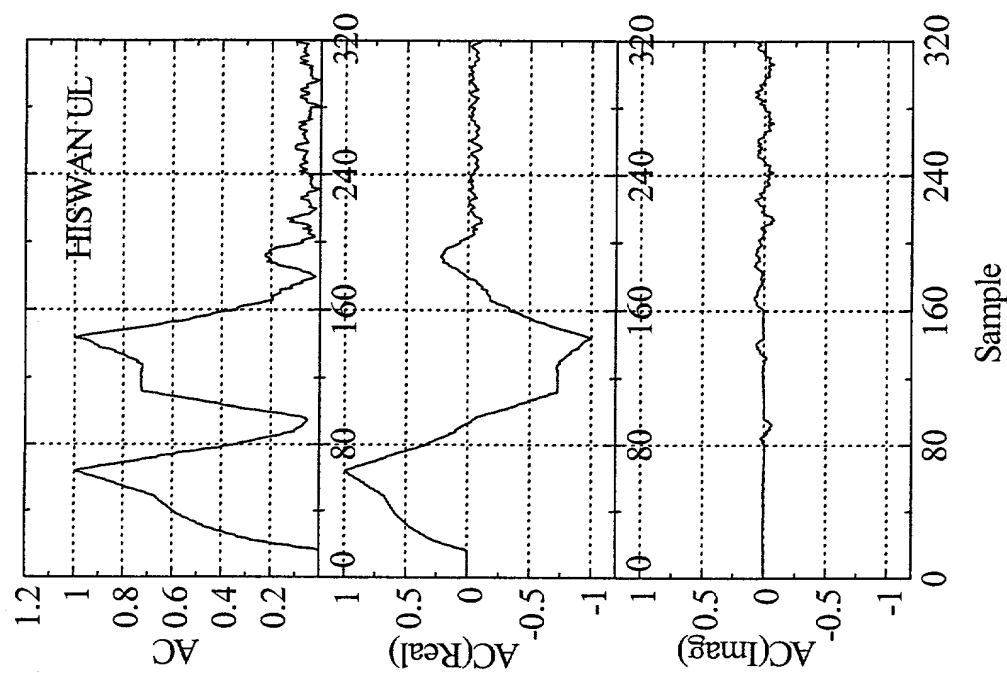


FIG. 14B (PRIOR ART)

REFERENCE SYMBOL	IEEE802. 11a	BRAN BCH	BRAN UL	HISWAN UL
NUMBER OF PEAKS	1 (PLAIN)	2	1 ( PLAIN )	2
CODE OF REAL PART	+	-->+	+	+-->--

FIG. 15 (PRIOR ART)

093604744-031394  
406160-4470860

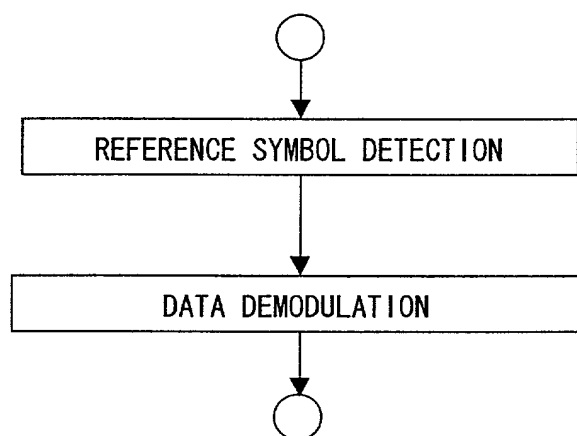


FIG. 16 (PRIOR ART)

WHL (1) : A16x9+C16+C64x2

IA16	A16	IA16	A16	A16	A16	IA16	A16	IA16	IA16	IA16	C16	C64		C64
------	-----	------	-----	-----	-----	------	-----	------	------	------	-----	-----	--	-----

FIG. 17

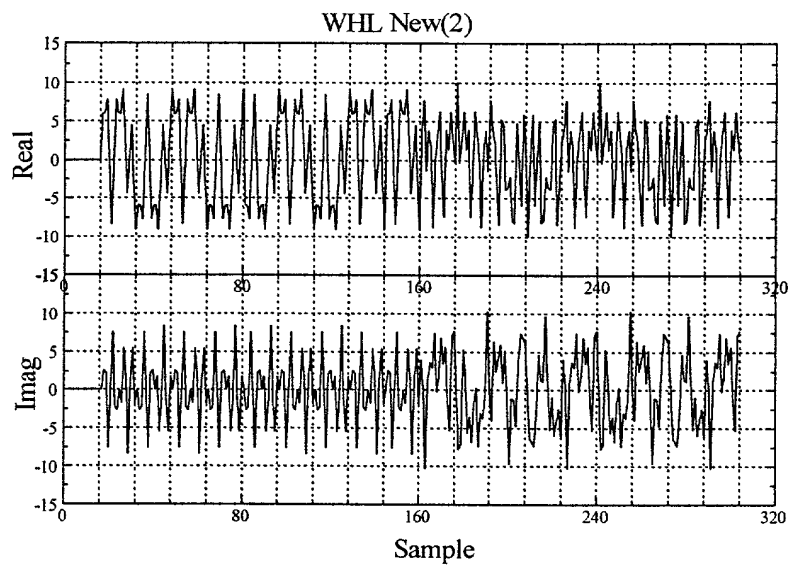


FIG. 18

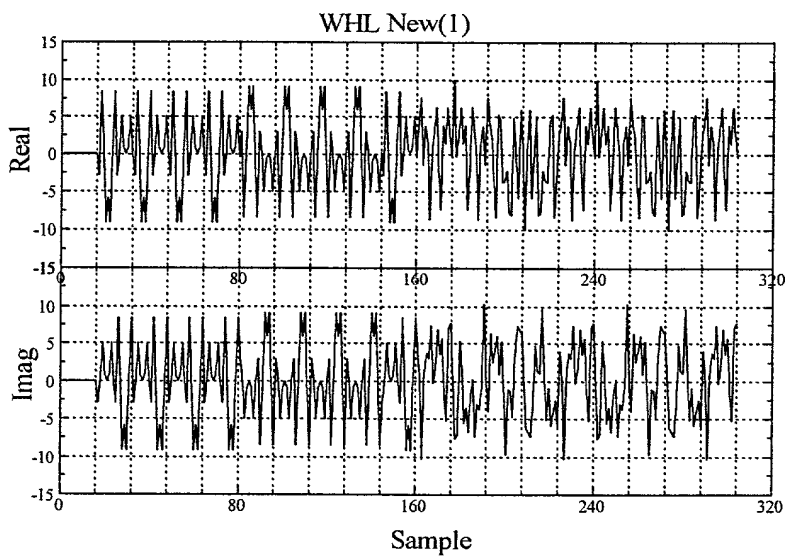


FIG. 21



FILED "44240850

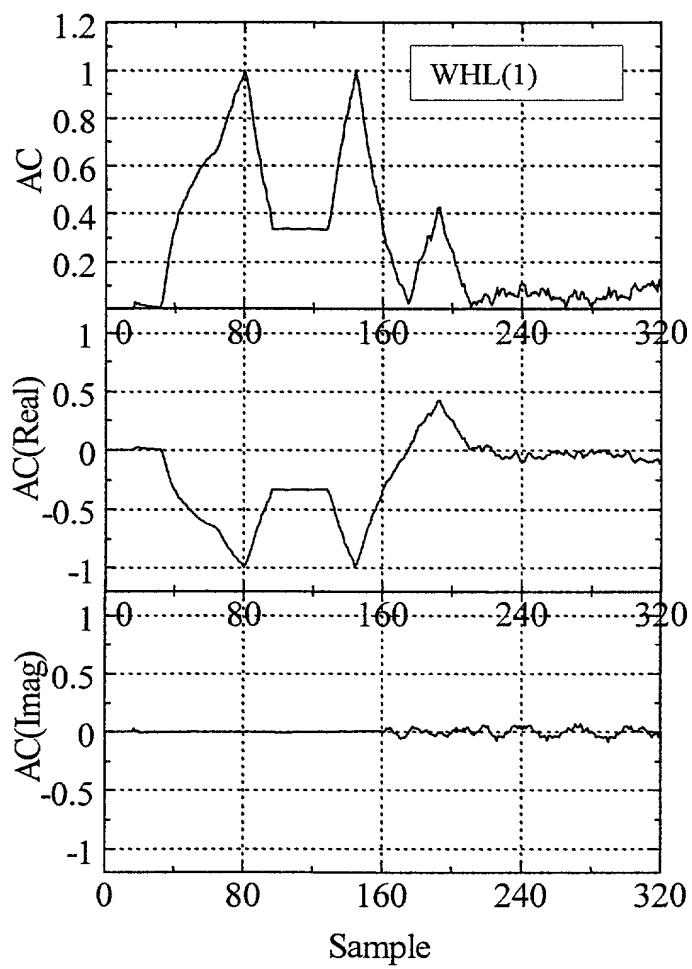


FIG. 19

WHL (2) : B16x9+C16+C64x2

IB16	IB16	IB16	IB16	IB16	IB16	IB16	IB16	IB16	IB16	IB16	IB16	C16	C64	C64
------	------	------	------	------	------	------	------	------	------	------	------	-----	-----	-----

FIG. 20

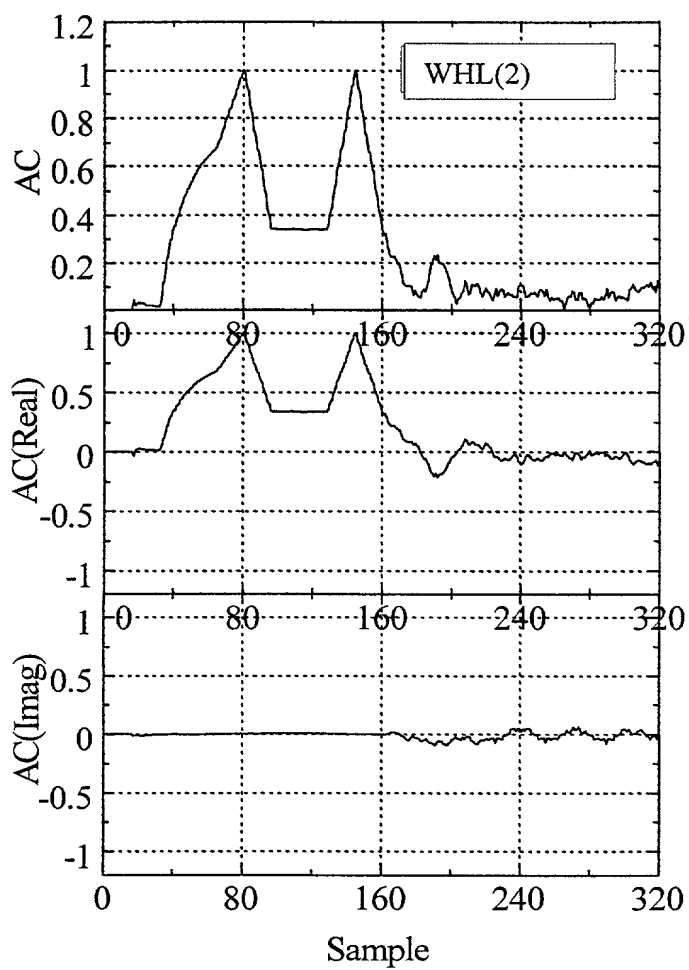


FIG. 22

REFERENCE SYMBOL	SERIES ( 1 )	SERIES ( 2 )
NUMBER OF PEAKS	2	2
CODE OF REAL PART	-->--	+>+

FIG. 23

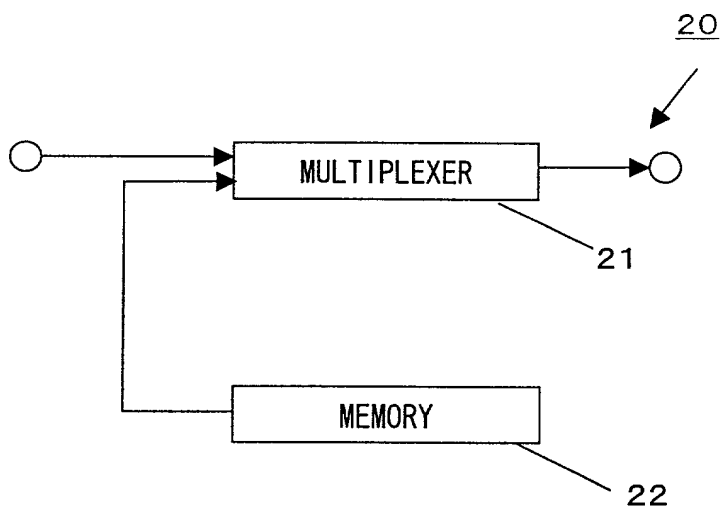


FIG. 26

402160 "44240360

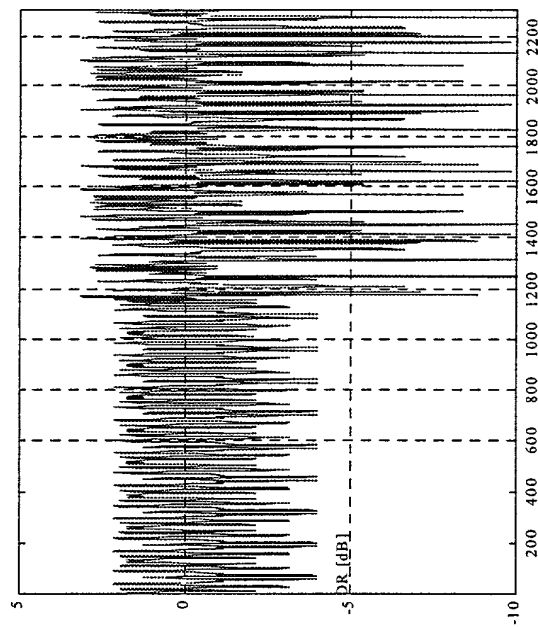


FIG. 24A

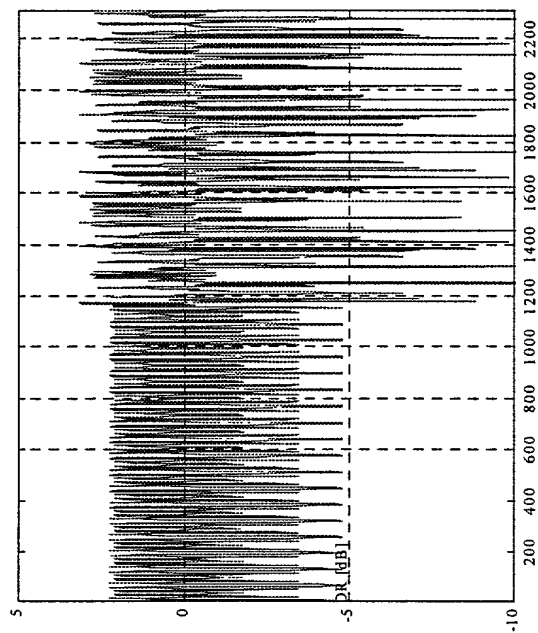


FIG. 24B

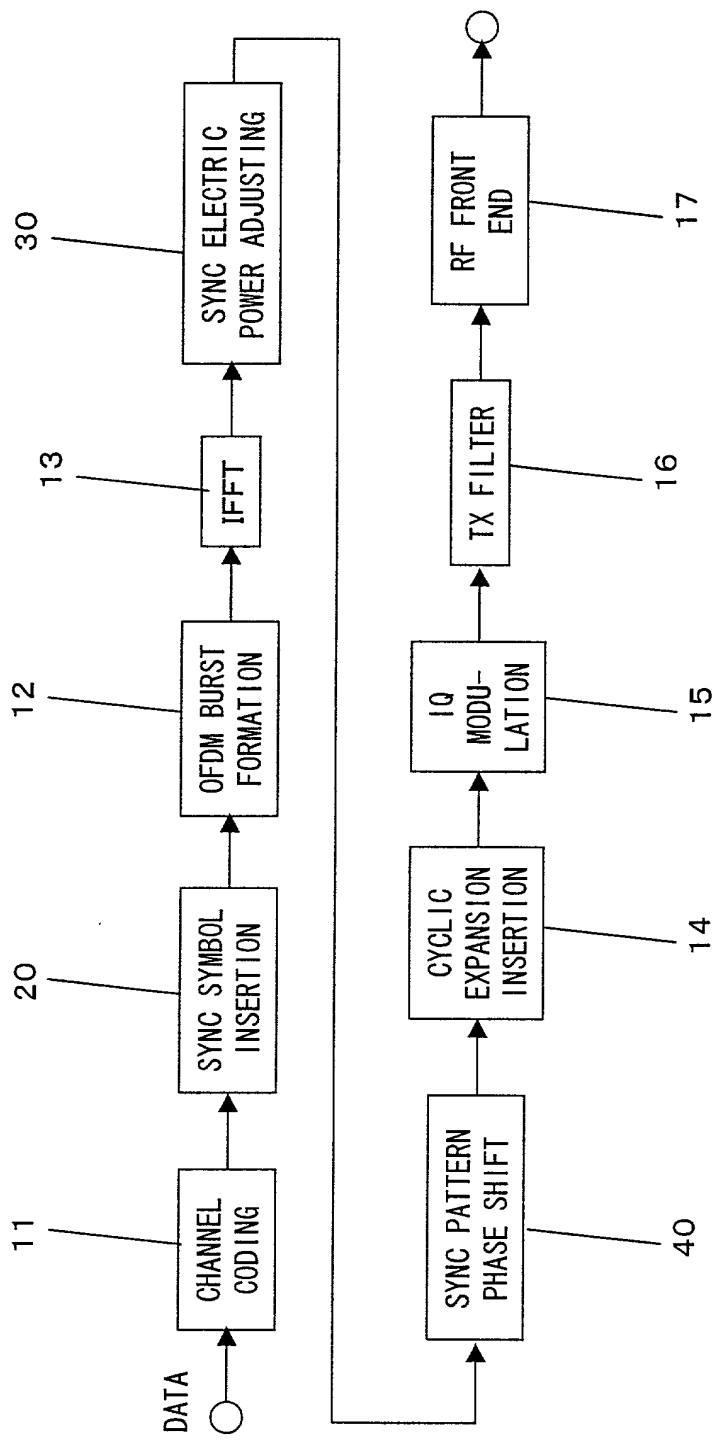


FIG.25

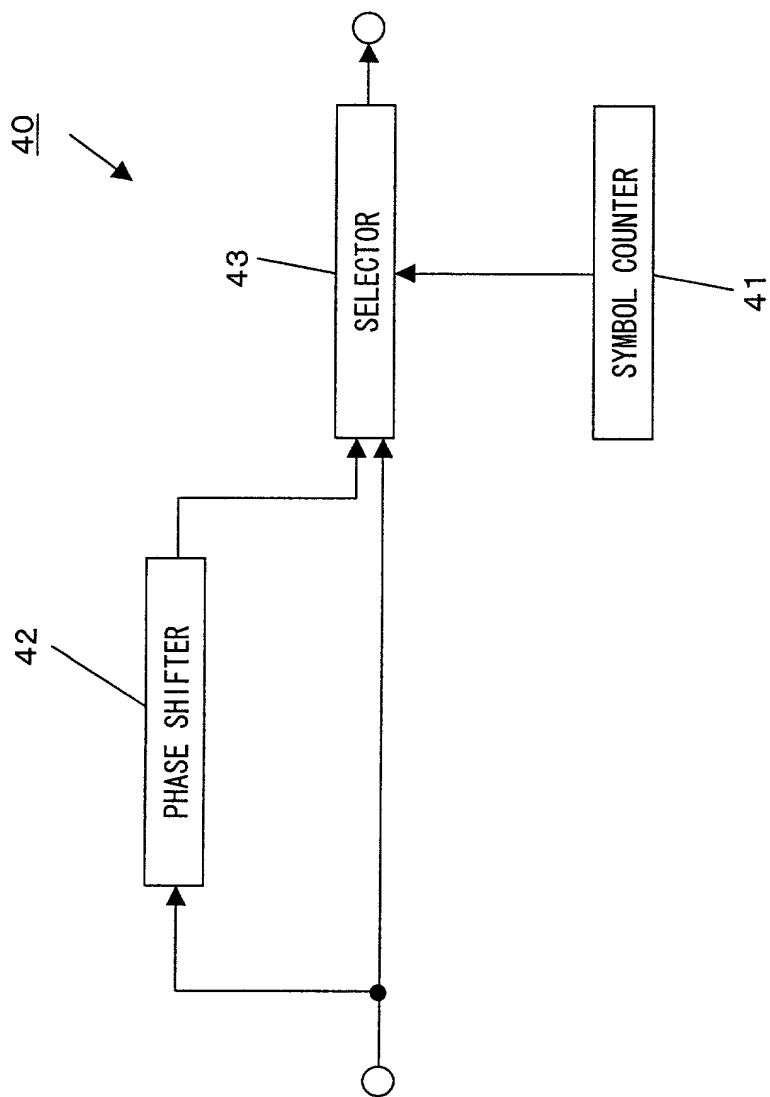


FIG. 27

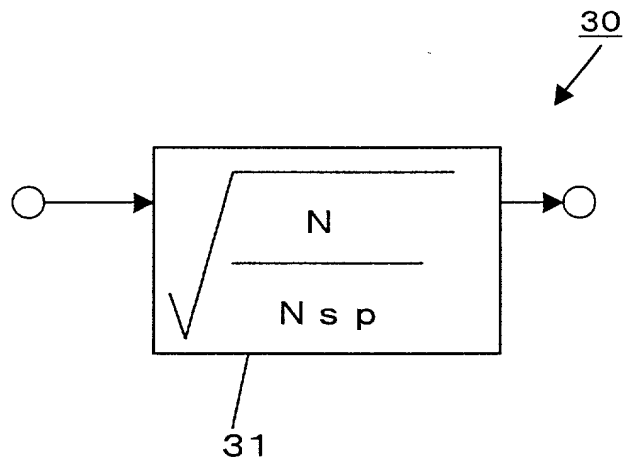
[illegible]

FIG. 28



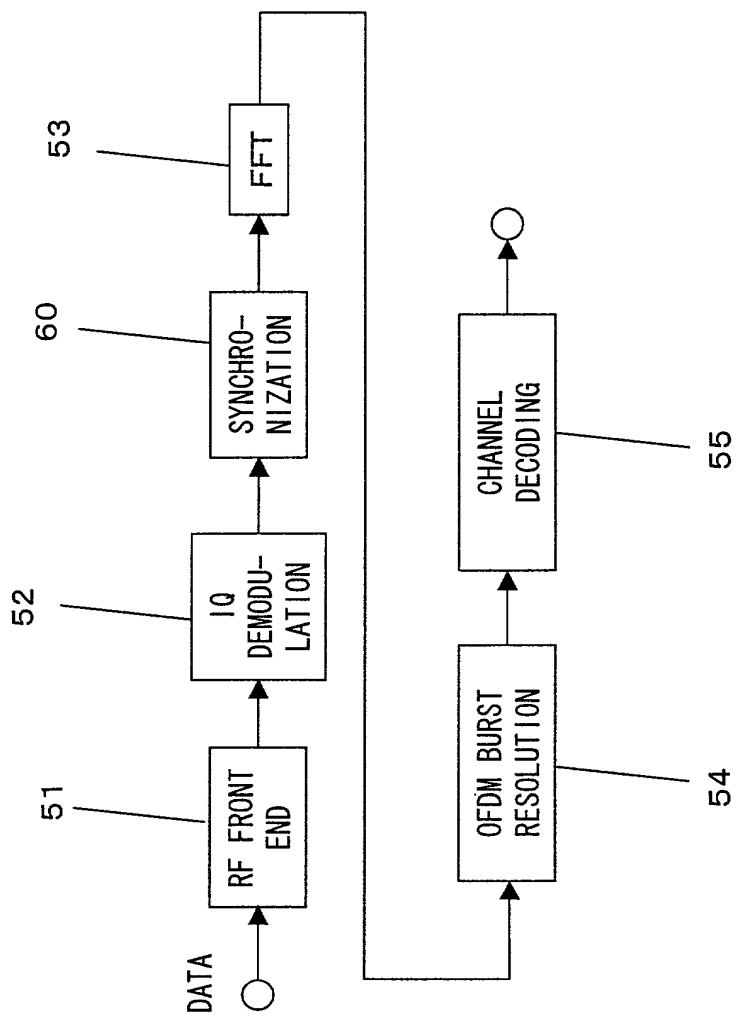


FIG. 29

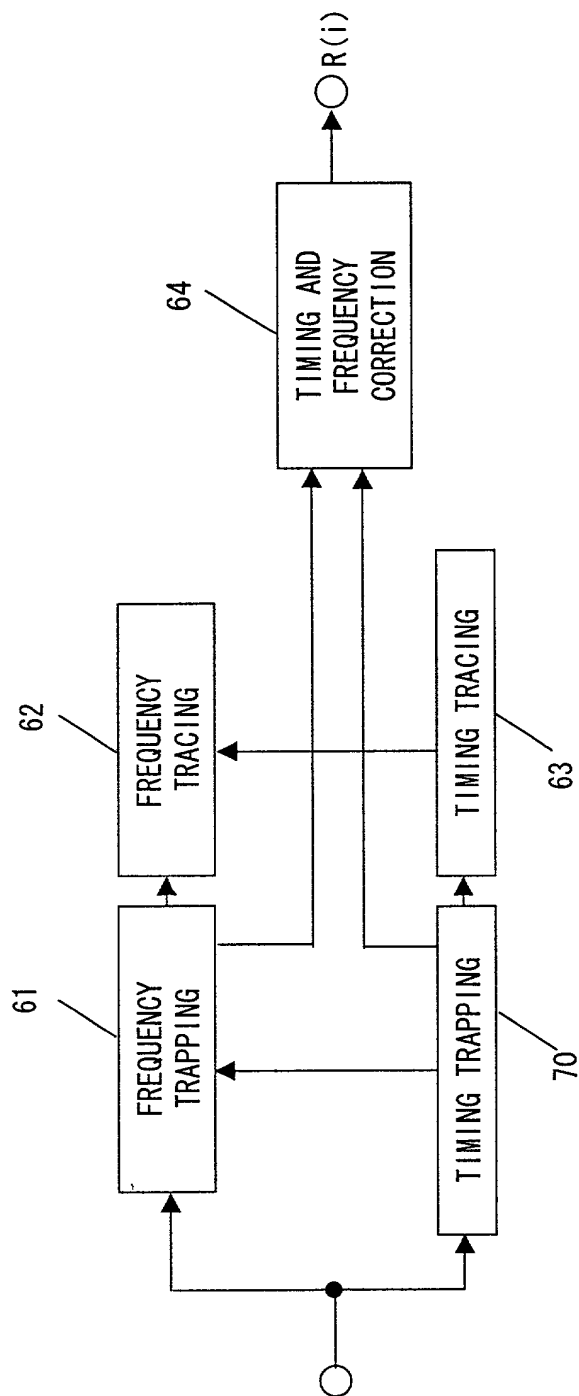


FIG. 30

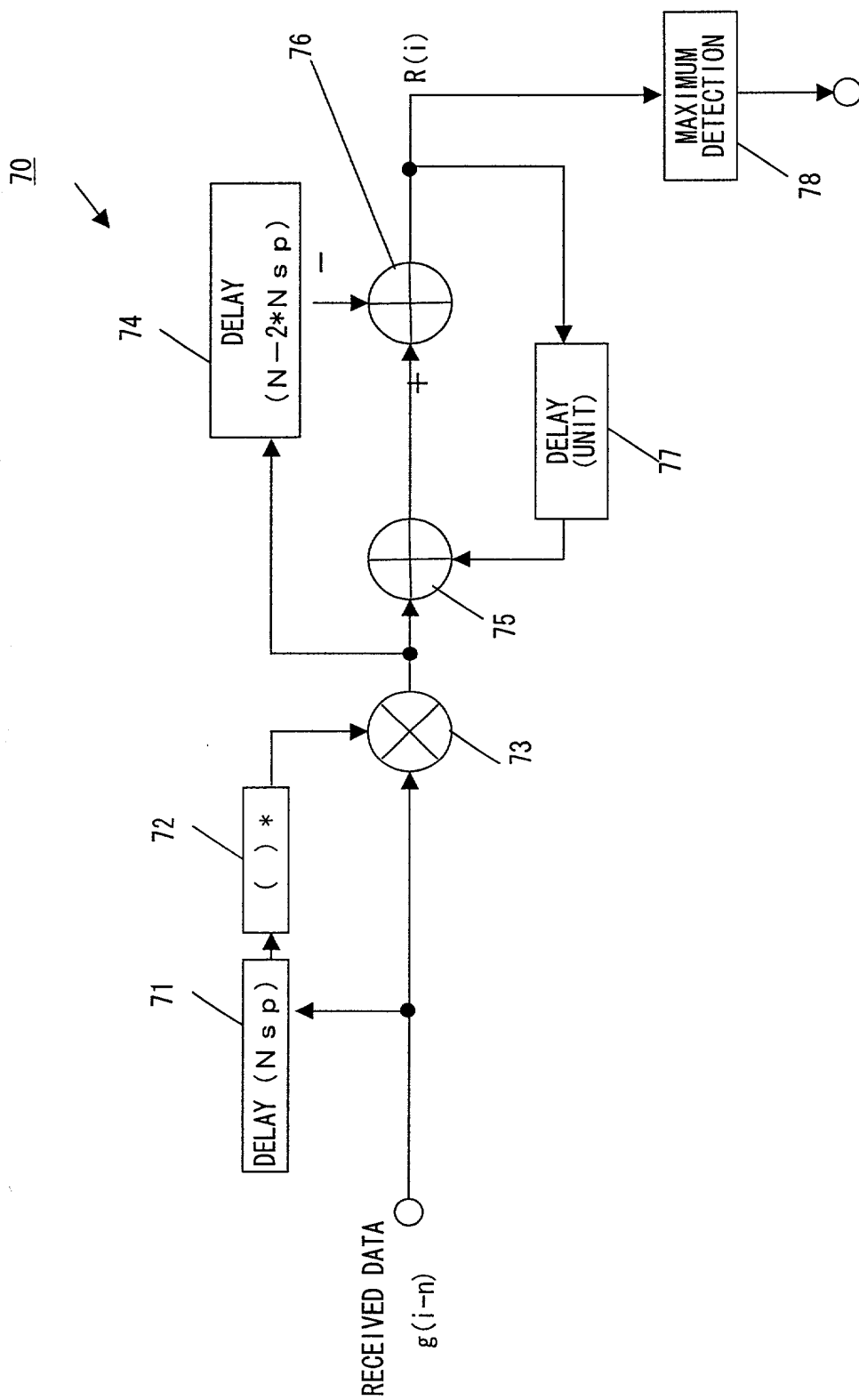


FIG. 31

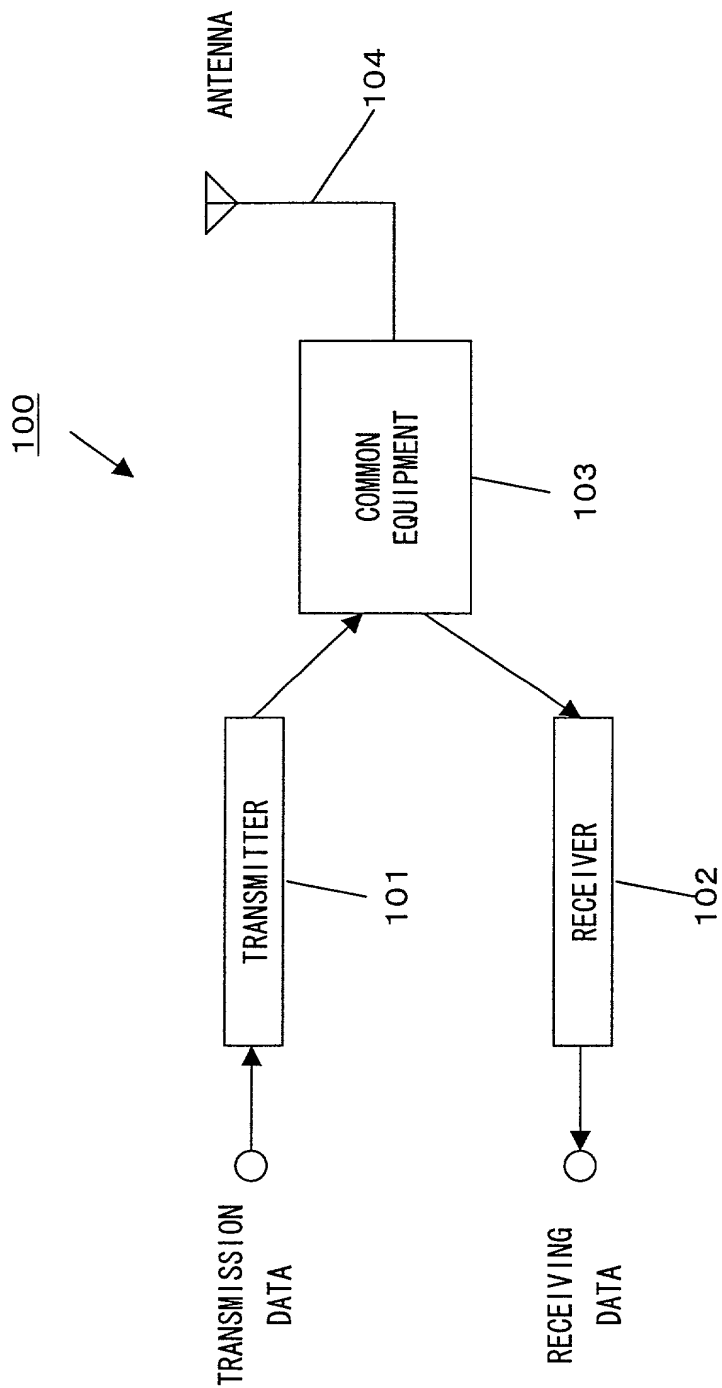


FIG. 32

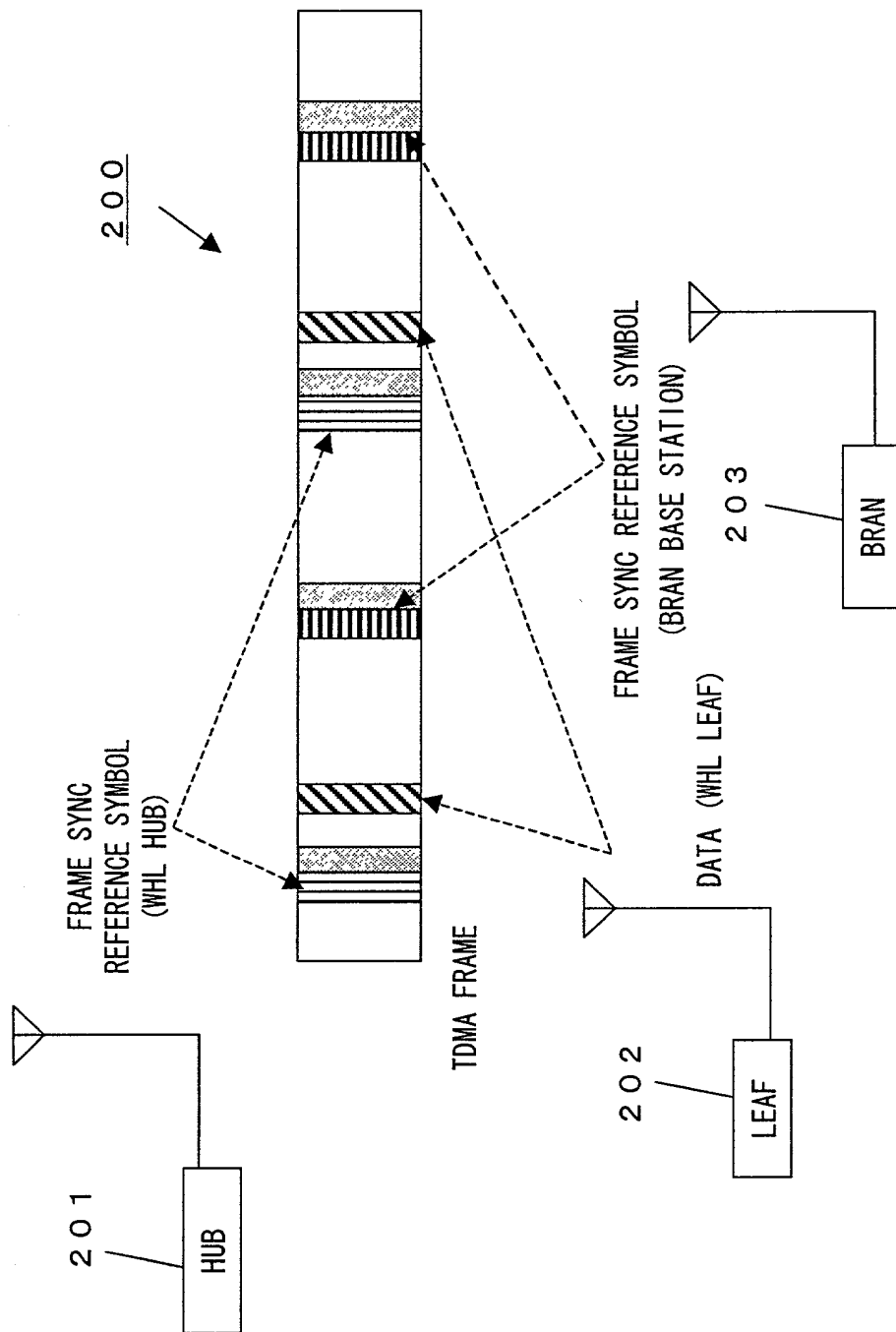


FIG. 33

WHL (1) : A16x9+X16+C16+C64x2

IA16	A16	IA16	IA16	A16	A16	A16	IA16	A16	IA16	IA16	X	C16	C64	C64
------	-----	------	------	-----	-----	-----	------	-----	------	------	---	-----	-----	-----

FIG. 34A

WHL (1) : X16+A16x9+C16+C64x2

X	IA16	A16	IA16	IA16	A16	A16	IA16	A16	IA16	IA16	C16	C64	C64
---	------	-----	------	------	-----	-----	------	-----	------	------	-----	-----	-----

FIG. 34B

WHL (2) : B16x9+X16+C16+C64x2

IB16	IB16	IB16	IB16	IB16	B16	B16	B16	B16	B16	IB16	X	C16	C64	C64
------	------	------	------	------	-----	-----	-----	-----	-----	------	---	-----	-----	-----

FIG. 35A

WHL (2) : X16+B16x9+C16+C64x2

X	IB16	IB16	IB16	IB16	IB16	B16	B16	B16	B16	B16	IB16	C16	C64	C64
---	------	------	------	------	------	-----	-----	-----	-----	-----	------	-----	-----	-----

FIG. 35B